

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	276	703/2.ccls. and @pd>"20071101"	US-PGPUB; USPAT; EPO; DERWENT	OR	OFF	2008/06/25 20:55
L2	205	345/643.ccls.	US-PGPUB; USPAT; EPO; DERWENT	OR	OFF	2008/06/25 21:17
L3	53	345/644.ccls.	US-PGPUB; USPAT; EPO; DERWENT	OR	OFF	2008/06/25 21:31

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Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L5	9	(graphic\$1 near pipeline) and (partial adj differential)	US-PGPUB; USPAT; EPO; DERWENT	OR	OFF	2008/06/25 21:44
L6	44	(graphic\$1 near processor) and (partial adj differential)	US-PGPUB; USPAT; EPO; DERWENT	OR	OFF	2008/06/25 21:48

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L4	38	(partial adj differential) and (sum near error\$1)	US-PGPUB; USPAT; EPO; DERWENT	OR	OFF	2008/06/25 21:38

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Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L3	0	((graphics adj pipeline) and (partial adj differential)).clm.	US-PGPUB	OR	OFF	2008/06/26 12:11
L4	0	((hardware adj graphics) and (partial adj differential)).clm.	US-PGPUB	OR	OFF	2008/06/26 12:12


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 Results 1 - 8 of 8 for multigrid "sum of the errors". (0.07 seconds)

Tip: Try removing quotes from your search to get more results.

Introduction to adaptive methods for differential equations - all 7 versions »

K Eriksson, D Estep, P Hansbo, C Johnson - Acta Numerica, 1995 - books.google.com
 ... using Newton's method or **multigrid** methods, for ... of the Galerkin discretization and multi-grid methods for ... error is given by the **sum of the errors** from each in ...
 Cited by 387 - [Related Articles](#) - [Web Search](#)

Stability of Disk Galaxies in the Modified Dynamics - all 7 versions »

R Brada, M Milgrom - The Astrophysical Journal, 1999 - UChicago Press
 ... is to minimize a single functional of f that is the **sum of the errors** in the ... Since we have written a **multigrid** potential solver, it is a natural choice to use ...
 Cited by 14 - [Related Articles](#) - [Web Search](#) - [BL Direct](#)

Genetic algorithm optimization of adaptive multi-scale GLCM features. - all 2 versions »

RP Walker, PT Jackway, D Longstaff - International Journal of Pattern Recognition and Artificial ..., 2003 - worldscinet.com
 Page 1. International Journal of Pattern Recognition and Artificial Intelligence
 Vol. 17, No. 1 (2003) 17-39 c World Scientific Publishing Company ...
 Cited by 10 - [Related Articles](#) - [Web Search](#) - [BL Direct](#)

Gradient-based optical flow: a critical review

M Mesbah - Signal Processing and Its Applications, 1999. ISSPA'99. ..., 1999 - ieeexplore.ieee.org
 ... as a minimisation of the **sum of the errors** in the ... is solved using an algebraic multi-grid algorithm ... Investigations of **Multigrid** Algorithms for Estimation of ...
 Cited by 3 - [Related Articles](#) - [Web Search](#)

[PS] Gamze Dilek Tunal

AF IMAGES - 1996 - cs.bilkent.edu.tr
 ... Key words : facial animation, facial expression, snakes, active contour models, **multigrid** relaxation, multilevel B-Spline interpolation. Page 4. OZET ...
[Related Articles](#) - [View as HTML](#) - [Web Search](#)

On the use of regularisation techniques for finite element model updating


S Ziaei-rad, M Imregun - Inverse Problems in Science and Engineering, 1999 - informaworld.com
 ... King [40] and Zhou and Rushforth [41] applied multi-grid ideas adopted from the ... **the errors**, obtained by eliminating a different observation at a time, can be ...
 Cited by 5 - [Related Articles](#) - [Web Search](#)

Verification and validation in computational fluid dynamics - all 9 versions »

WL Oberkampf, TG Trucano - Progress in Aerospace Sciences, 2002 - Elsevier
 User Name: Password: Remember me on this computer, Forgotten password? ...
 Cited by 123 - [Related Articles](#) - [Web Search](#) - [BL Direct](#)

[PS] Vector field restoration by the method of convex projections - all 7 versions »

PY Simard, GE Mailloux - Computer Vision, Graphics, and Image Processing, 1990 - research.microsoft.com
 ... dy (17) The problem is then to minimize the **sum of the errors** in the equation for the rate of change of image brightness (Eq. 15 ...

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	<input errors\""="" sum="" the="" type="text" value="multigrid \"/> <input type="text" value="1990"/> - <input type="text" value="2003"/> <input type="button" value="Search"/>			

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Your search - **multigrid "sum the errors"** - did not match any articles published between **1990** and **2003**.

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[Shape from shading: Level set propagation and viscosity solutions](#) - all 3 versions »

R Kimmel, K Siddiqi, BB Kimia, AM Bruckstein - International Journal of Computer Vision, 1995 - Springer

... Ascher and Carter (1993) used a **multigrid** method to speed up the iterative reconstruction process. ... **Summing the errors** along the characteristic gives ...Cited by 52 - [Related Articles](#) - [Web Search](#) - [BL Direct](#)Key authors: [R Kimmel](#) - [K Siddiqi](#) - [B Kimia](#) - [A Bruckstein](#)[Google Home](#) - [About Google](#) - [About Google Scholar](#)



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Shape from shading: Level set propagation and viscosity solutions - all 3 versions »

R Kimmel, K Siddiqi, BB Kimia, AM Bruckstein - International Journal of Computer Vision, 1995 - Springer

... is a non-linear equation, to be more specific, it is a first or- der nonlinear **partial differential equation**. ... **Summing the errors** along the characteristic gives ...

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[Shape from shading: Level set propagation and viscosity solutions - all 3 versions »](#)

R Kimmel, K Siddiqi, BB Kimia, AM Bruckstein - International Journal of Computer Vision, 1995 - Springer

... of solving Cauchy type boundary value problems associ- ated to nonlinear **partial differential equations**. ... **Summing the errors** along the characteristic gives ...

Cited by 52 - [Related Articles](#) - [Web Search](#) - [BL Direct](#)

[book The Cauchy Problem in Kinetic Theory - all 3 versions »](#)

R Glassey - 1996 - books.google.com

... 212 8.4 The Particle Errors 225 8.5 **Summing the Errors** 229 References ... graduate students, most of whom were writing theses in **partial differential equations**. ...

Cited by 161 - [Related Articles](#) - [Web Search](#)

[Dynamic Modeling Based on Real-Time Deflection Measurement and Compensation Control for Flexible ... - all 2 versions »](#)

TW Yang, WL Xu, SK Tso - Dynamics and Control, 2001 - Springer

... translational and rotational errors of the end-effector caused by the de- formations of all the flexible links can be formed by **summing the errors** caused by ...

Cited by 11 - [Related Articles](#) - [Web Search](#) - [BL Direct](#)

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K Eriksson, D Estep, P Hansbo, C Johnson - Acta Numerica, 1995 - books.google.com

... as well as time-dependent, linear and non-linear, ordinary and **partial differential equations**. ... that the total error is given by the **sum of the errors** from each ...

Cited by 387 - [Related Articles](#) - [Web Search](#)

[Approximately preserving symmetries in the numerical integration of ordinary differential equations - all 5 versions »](#)

A ISERLES, R McLACHLAN, A ZANNA - European Journal of Applied Mathematics, 1999 - Cambridge Univ Press

Page 1. Euro. Jnl of Applied Mathematics (1999), ol. 10, pp. 419-445. Printed in the United Kingdom # 1999 Cambridge University Press 419 ...

Cited by 14 - [Related Articles](#) - [Web Search](#) - [BL Direct](#)

[Brownian fluctuations of the interface in the D= 1 Ginzburg-Landau equation with noise - all 5 versions »](#)

S Brassesco, A De Masi, E Presutti - Annales de l'institut Henri Poincaré (B) Probabilités et ..., 1995 - numdam.org

... Since the **sum of the errors** is NEETE, the sum is also of the order of ... 19] JB WALSH, An introduction to stochastic **partial differential equations**, Lecture Notes ...

Cited by 12 - [Related Articles](#) - [Web Search](#)

[On the Periodic Solution of the Burgers Equation: A Unified Approach - all 3 versions »](#)

A Parker - Proceedings: Mathematical and Physical Sciences., 1992 - JSTOR

... $u(x,t)$ on $[0,]$ is adjusted by the **sum of the errors** $>E$, to ... Forsyth, AR 1906 Theory of differential equations, part IV (**Partial differential equations**), vol. ...

Cited by 10 - [Related Articles](#) - [Web Search](#)

[Point-data processing and error analysis in reverse engineering - all 2 versions »](#)

AC Lin, CF Chen - The International Journal of Advanced Manufacturing ..., 1998 - Springer

... If the **sum of the errors** is more than the preset value for the ... Then solve the six **partial differential equations** simul- taneously to obtain values for the six ...

Cited by 8 - [Related Articles](#) - [Web Search](#) - [BL Direct](#)

[Application of model predictive control and dynamic analysis to a pilot distillation column and ... - all 4 versions »](#)

M Alpbaz, S Karacan, Y Cabbar, H Hapoğlu - Chemical Engineering Journal, 2002 - Elsevier

... The resulting **partial differential equations** were integrated using orthogonal collocation in which all ... index J. To minimize J, the **sum of the errors** squared is ...

Cited by 5 - [Related Articles](#) - [Web Search](#)

[Stability of Disk Galaxies in the Modified Dynamics - all 7 versions »](#)

R Brada, M Milgrom - The Astrophysical Journal, 1999 - UChicago Press

... & Brandt 1987), which are extremely efficient in solving elliptic, **partial differential equations**. ... single functional of f that is the **sum of the errors** in the ...

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MJ Harris, G Coombe, T Scheuermann, A Lastra - Proceedings of the ACM SIGGRAPH/EUROGRAPHICS conference on ..., 2002 - portal.acm.org

... is one of the most useful tools for working with **partial differential** equations. ...

textures must map directly to pixels in the output of the **graphics pipeline**. ...

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[\[PDF\] The graphics card as a stream computer](#) - all 13 versions »

S Venkatasubramanian - SIGMODIMACS Workshop on Management and Processing of Data ..., 2003 - research.att.com

... computing the median of n numbers takes n passes in the "standard" **graphics pipeline**

model. ... Scientific computing: Solve **partial differential** equation via ...

Cited by 37 - [Related Articles](#) - [View as HTML](#) - [Web Search](#)

[\[PDF\] Using graphics cards for quantized FEM computations](#) - all 9 versions »

M Rumpf, R Strzodka - IASTED Visualization, Imaging and Image Processing ..., 2001 - numerik.math.uni-
duisburg.de

... It is hard to exploit these in solvers for **partial differential** equations modeling ...

and precision or some unoptimized parts of the **graphics pipeline**, but the ...

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[Simulation of cloud dynamics on graphics hardware](#) - all 2 versions »

MJ Harris, WV Baxter, T Scheuermann, A Lastra - Proceedings of the ACM SIGGRAPH/EUROGRAPHICS conference on ..., 2003 - portal.acm.org

... Clouds in our system are modeled using **partial differential** equations describing

fluid motion, thermodynamic processes, buoyant forces, and water phase ...

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[Nonlinear Diffusion in Graphics Hardware](#) - all 8 versions »

M Rumpf, R Strzodka - Data Visualization 2001: Proceedings of the Joint ..., 2001 - books.google.com

... 3 Operations in Linear Iterative Solvers In fact, many discretizations of **partial**

differential equations lead ... are many stages in the **graphics pipeline** where linear ...

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[Interactive data exploration with a supercomputer](#) - all 2 versions »

S Smith, G Grinstein, RD Bergeron - Visualization, 1991. Visualization'91, Proceedings., IEEE ..., 1991 -
ieeexplore.ieee.org

... 4.3 Figure 6 is an iconographic picture of the solution to a **partial differential**

equation that describes a re- action ... a visualization or **graphics pipeline**. ...

Cited by 31 - [Related Articles](#) - [Web Search](#)

[\[book\] 3D Game Engine Design: A Practical Approach to Real-Time Computer Graphics](#) - all 6
versions »

DH Eberly - 2001 - books.google.com

... 68 Circle to Circle in 3D 69 Ellipse to Ellipse in 3D 73 v THE **GRAPHICS PIPELINE**

79 3.1 MODEL AND WORLD COORDINATES 80 3.2 PERSPECTIVE PROJECTION 80 3.2. ...

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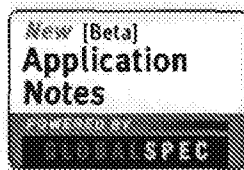
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IEEE JNL IEEE Journal or Magazine

IET JNL IET Journal or Magazine

IEEE CNF IEEE Conference Proceeding

IET CNF IET Conference Proceeding

IEEE STD IEEE Standard

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- ☐ 1. IEEE transactions on magnetism cumulative index 1985-2000 volumes 21
Magnetism, IEEE Transactions on
Volume 37, Issue 6, Part 2, Nov 2001 Page(s):467 - 1288
Digital Object Identifier 10.1109/TMAG.2001.966142
AbstractPlus | Full Text: PDF(7236 KB) IEEE JNL
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- ☐ 2. Back cover
Magnetism, IEEE Transactions on
Volume 19, Issue 6, Nov 1983 Page(s):0 - 0
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- ☐ 3. 1974 Index IEEE Transactions on Computers Vol. C-23
Computers, IEEE Transactions on
Volume C-23, Issue 12, Dec. 1974 Page(s):1330-a - 1330-n
Full Text: PDF(3888 KB) IEEE JNL
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- ☐ 4. Shape recovery algorithms using level sets in 2-D/3-D medical imagery:
Suri, J.S.; Kecheng Liu; Singh, S.; Laxminarayan, S.N.; Xiaolan Zeng; Reden
Information Technology in Biomedicine, IEEE Transactions on
Volume 6, Issue 1, March 2002 Page(s):8 - 28
Digital Object Identifier 10.1109/4233.992158
AbstractPlus | References | Full Text: PDF(569 KB) IEEE JNL
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- ☐ 5. Large-scale problems and supercomputing in the Department of Energy
Decker, J.F.; Nelson, D.B.; Austin, D.M.;
Proceedings of the IEEE
Volume 77, Issue 7, July 1989 Page(s):1020 - 1037
Digital Object Identifier 10.1109/5.30753


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 Microwave Theory and Techniques, IEEE Transactions on
 Volume 52, Issue 12, Dec. 2004 Page(s):2747 - 2872
 Digital Object Identifier 10.1109/TMTT.2004.841604
 Full Text: PDF(2168 KB) IEEE JNL
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 Wang, Y.; Mangaser, A.; Srinivasan, P.;
 Computer Graphics and Applications, IEEE
 Volume 12, Issue 5, Sept. 1992 Page(s):96 - 105
 Digital Object Identifier 10.1109/38.156019
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 Yoo, T.S.; Neumann, U.; Fuchs, H.; Pizer, S.M.; Cullip, T.; Rhoades, J.; White
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 Volume 12, Issue 4, July 1992 Page(s):63 - 71
 Digital Object Identifier 10.1109/38.144828
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 Johnston, S.C.; Imai, K.;
 Computational Science & Engineering, IEEE
 Volume 2, Issue 1, Spring 1995 Page(s):32 - 41
 Digital Object Identifier 10.1109/99.372934
 AbstractPlus | Full Text: PDF(960 KB) IEEE JNL
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- ☐ 5. **Texture synthesis for 3D shape representation**
 Gorla, G.; Interrante, V.; Sapiro, G.;
 Visualization and Computer Graphics, IEEE Transactions on



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"partial differential" "graphics processor"

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... Clouds in our system are modeled using **partial differential** equations describing fluid motion, thermodynamic processes, buoyant forces, and water phase ...

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M Rumpf, R Strzodka - IASTED Visualization, Imaging and Image Processing ..., 2001 - numerik.math.uni- duisburg.de

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M Rumpf, R Strzodka - Data Visualization 2001: Proceedings of the Joint ..., 2001 - books.google.com

... of modern graphics cards has reached a state, where the **graphics processor** unit may ... **Partial differential** equations in image processing are exactly of this type ...

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[\[PDF\] Physically-based simulation on graphics hardware](#)

M Harris, G James - GameDevelopers Conference, 2003 - hands-on-labs.com

... How Does It Work? • **Graphics processor** renders colors ... Derivatives (slopes) in **partial differential** equations (PDEs) turn into neighbor sampling on a grid ...

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[A processor architecture for 3D graphics - all 8 versions »](#)

Y Wang, A Mangaser, P Srinivasan - Computer Graphics and Applications, IEEE, 1992 - ieeexplore.ieee.org

... 1860 has become a popular candidate as the 3D **graphics processor** for many ... and the simulta- neous solution of large sets of **partial differential** equations are ...

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[A three-dimensional computer model of the human heart for studying cardiac fluid dynamics](#)

DM McQueen, CS Peskin - ACM SIGGRAPH Computer Graphics, 2000 - portal.acm.org

... on the other hand, are constructed by careful consideration of mechanical equilibrium and numerical solu- tion of a resulting **partial differential** equation. ...

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[Supercomputers for EMI/EMC problems](#)

G Radha, AB Patki, P Santhi, M Surekha, AV Sudha, ... - Electromagnetic Compatibility, 1990. Symposium Record. 1990 ..., 1990 - ieeexplore.ieee.org

... apart from finding an approximate solution to a given **partial differential** equation, we also ... In addition the **graphics processor** can operate on bytes of data, a ...

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[CITATION] 1 Centre Suisse d'Electronique et de Microtechnique SA, Maladiere 71, CH-2007 Neuchatel 2 Lx> gic ...